

Receipt

2959-0104P

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

TOM J. WHITAKER et al

Serial No.:

09/955,037

Group:

RECEIVED

Filed:

SEPTEMBER 19, 2001

Examiner:

MAR 2 5 2002

For:

DETECTION OF UNLABELED DNA AND RNA USING RESTRICTION

DIGESTION

#### SECOND REQUEST FOR A CORRECTED OFFICIAL FILING RECEIPT

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

MAR 15 2002

Sir:

Attached hereto is the Official Filing Receipt in connection with the above-identified application.

## THE FOLLOWING CORRECTION(S) IS/ARE RESPECTFULLY REQUESTED:

Change From:

"DETECTION OF UNLABELED HYBRIDIZED DNA AND RNA USING

RESTRICTION ENZYME DIGESTION"

To:

--DETECTION OF UNLABELED DNA AND RNA USING RESTRICTION

ENZYME DIGESTION --

It is respectfully requested that the United States Patent and Trademark Office forward a new Filing Receipt showing the correction(s) to the undersigned attorney as listed on the enclosed photocopy of our Declaration and Power of Attorney Document.

The correction(s) is/are due to an error by the United States
Patent and Trademark Office, therefore no fee is due.

09/955,037

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

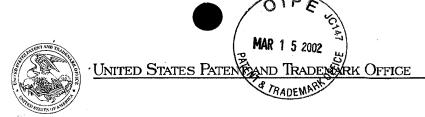
CHARLES 6

Reg. No. 29.271

P.O. Box 747

Falls Church, VA 22040-0747

Attachment CG/els (703)205-8000



COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON D.C. 20231 www.uspto.gov

APPLICATION NUMBER

FILING DATE

GRP ART UNIT

FIL FEE REC'D

ATTY.DOCKET.NO

DRAWINGS

TOT CLAIMS IND CLAIMS

09/955,037

09/19/2001

1645

420

2959-0104P

2292 BIRCH STEWART KOLASCH & BIRCH PO BOX 747

FALLS CHURCH, VA 22040-0747

RECEIVED

MAR 2 5 2002

UPDATED FILING RECEIPT OC000000007248516\*

Date Mailed: 01/02/2002

**CONFIRMATION NO. 8300** 

TECH CENTER 1600/2900

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

#### Applicant(s)

Tom J. Whitaker, Knoxville, TN; Wanda L. B. White, Oak Ridge, TN; K. Bruce Jacobson, Oak Ridge, TN; Kenneth F. Willey, Schwenksville, PA; Bruce M. Applegate, West Lafavette, IN:

#### Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/233,486 09/19/2000

Foreign Applications

If Required, Foreign Filing License Granted 10/11/2001

Projected Publication Date: 04/11/2002

Non-Publication Request: No

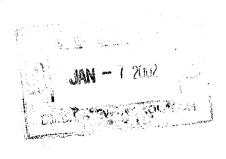
Early Publication Request: No

\*\* SMALL ENTITY \*\*

Title

Detection of unlabeled hybridized DNA and RNA using restriction enzyme digestion

**Preliminary Class** 



# LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 57 PCH CENTER 1600/2900

#### **GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

Attorney Docket No.

(Status - patented, pending, abandoned)

(Status - patented, pending, abandoned)

2959-0104P

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING RENCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050



### COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

MAR 2 5 2002

As a below named inventor, I hereby declare that: my residence, post office address and citizenship to a safe of that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) of an original first and sole inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Detection of Unlabeled DNA and RNA Using Restriction Enzyme Digestion Insert Title: Fill in Appropriate the specification of which is attached hereto. If not attached hereto, September 19, Information the specification was filed on For Use Without United States Application Number Specification and amended on (if applicable) and/or Attached: the specification was filed on as PCT International Application Number ; and was amended under PCT Article 19 on (if applicable) I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) **Priority Claimed** Insert Priority Information: (if appropriate) (Number) (Country) (Month/Day/Year Filed) No П П (Number) (Country) (Month/Day/Year Filed) Yes No  $\Box$ (Number) (Month/Day/Year Filed) (Country) No (Number) (Country) (Month/Day/Year Filed) No I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below. 60/233,486 September 29, 2000 Insert Provisional Application(s): (Application Number) (Filing Date) (if any) (Application Number) (Filing Date) All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application: Country Application Number Date of Filing (Month/Day/Year) Insert Requested Information: (if appropriate) I hereby claim the benefit under Title 35, United States Code, \$120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, \$112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, \$1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Filing Date)

(Filing Date)

Page 1 of 2 (Rev. 06/29/01)

(if any)

Insert Prior U.S. Application(s):

(Application Number)

(Application Number)

2959-104P Attorney Docket No.

I hereby appoint the practitioners at CUSTOMER NO. 2292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

## BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUP TO CONTROL VICTOR OF CUP TO CUP TO

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

MAR 2 5 2002

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made in his problems and belief are believed to be true; and further that these statements were made with the knowledge true will have statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

or Sole Inventor: Insert Name of	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	· //	DATE*		
or Sole Inventor: Insert Name of Inventor → Insert Date This Document is Signed	Tom J. Whitaker	Tom Whitz	hen	10-18-01		
Insert Residence	Residence (City, State & Country)		CITIZENSHI	IP		
Insert Citizenship →	Knoxville, Tennessee, United S	tates of America	USA			
Insert Post Office Address →	MAILING ADDRESS (Complete Street Address	including City, State & Country)				
	10608 Summit Forest Court K	Knoxville, Tennessee 3792	22, USA			
Full Name of Second Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	1-1	DATE*		
see above	Wanda L. B. White	Wande L.B. W.	hot	10-18-01		
	Residence (City, State & Country)		CITIZENSHI	IP .		
	Oak Ridge, Tennessee, United States of America USA					
	MAILING ADDRESS (Complete Street Address including City, State & Country)					
	34 Montclair Road Oak Ridge, Tennessee 37830, USA					
Full Name of Third Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*		
see above	K. Bruce Jacobson	K Ruce Jacobs		10/18/61		
	Residence (City, State & Country)		CITIZENSHI			
	Oak Ridge, Tennessee, United S	tates of America	USA			
	MAILING ADDRESS (Complete Street Address including City, State & Country)					
	940 West Outer Drive	Oak Ridge, TN 37830, US	3A			
Full Name of Fourth Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	1.11	DATE*		
see above	Kenneth F. Willey	Kennett Will	ller	10/15/2001		
	Residence (City, State & Country)		CITIZENSHI	P		
	Schwenksville, Pennsylvania, United States of America USA					
	MAILING ADDRESS (Complete Street Address including City, State & Country)					
	4775 Quail Circle Schwenksville, Pennsylvania 19473, USA					
Full Name of Fifth Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	11-1	DATE*		
	GIVEN NAME/FAMILY NAME Bruce M. Applegate	INVENTOR'S SIGNATURE	Lith.	DATE* 10/17/01		
Inventor, if any:	Bruce M. Applegate Residence (City, State & Country)	Bur Myp	CITIZENSHI	10/17/01		
Inventor, if any:	Bruce M. Applegate	Bur Myp	CITIZENSHI USA	10/17/01		
Inventor, if any:	Bruce M. Applegate  Residence (City, State & Country)  West Lafayette, Indiana, United  MAILING ADDRESS (Complete Street Address	States of America including City, State & Country)	USA	10/17/01		
Inventor, if any:	Bruce M. Applegate  Residence (City, State & Country)  West Lafayette, Indiana, United  MAILING ADDRESS (Complete Street Address	States of America	USA	10/17/01		
Inventor, if any:	Bruce M. Applegate  Residence (City, State & Country)  West Lafayette, Indiana, United  MAILING ADDRESS (Complete Street Address	States of America including City, State & Country)	USA	10/17/01		
Inventor, if any:  see above	Bruce M. Applegate  Residence (City, State & Country)  West Lafayette, Indiana, United  MAILING ADDRESS (Complete Street Address  703 Hayes Street West	States of America including City, State & Country) Lafayette, Indiana 47906	USA	]6/17/01 *		
Inventor, if any:  see above  sell Name of Sixth Inventor, if any:	Bruce M. Applegate  Residence (City, State & Country)  West Lafayette, Indiana, United  MAILING ADDRESS (Complete Street Address  703 Hayes Street West	States of America including City, State & Country) Lafayette, Indiana 47906	USA	16/17/01   DATE*		
Inventor, if any:  see above  ull Name of Sixth  Inventor, if any:	Bruce M. Applegate  Residence (City, State & Country)  West Lafayette, Indiana, United  MAILING ADDRESS (Complete Street Address 703 Hayes Street West  GIVEN NAME/FAMILY NAME	States of America including City, State & Country) Lafayette, Indiana 47906	USA 6, USA	16/17/01   DATE*		
Inventor, if any:  see above  ull Name of Sixth  Inventor, if any:	Bruce M. Applegate  Residence (City, State & Country)  West Lafayette, Indiana, United  MAILING ADDRESS (Complete Street Address 703 Hayes Street West  GIVEN NAME/FAMILY NAME	States of America including City, State & Country) Lafayette, Indiana 47906 INVENTOR'S SIGNATURE	USA 6, USA	16/17/01   DATE*		



#### United States Patent and Trademark Office

COMMISSIONER FOR PATENTS United States Patent and Trademark Office Washington, DC 20231



#### United States Patent and Trademark Office

COMM UNITED STATES PATENT

APPLICATION NUMBER FILING DATE FIRST NAMED APPLICANT ATTY. DOCKET NO./TITLE 09/955,037 09/19/2001 Tom J. Whitaker 2959-0104P

**CONFIRMATION NO. 8300** 

2292
BIRCH STEWART KOLASCH & BIRECEIVED \*OC0000000007681564\*
PO BOX 747
FALLS CHURCH, VA 22040-0747 MAR 2 5 2002

**TECH CENTER 1600/2900** 

Date Mailed: 03/20/2002

#### RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

#### **Publication and General Rules Issues**

In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:	е
The articles such as "a", "an", and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.	
The words "new", "improved", "improvement of", "improvement in", or "improvement relating to" are not included as the first words in the title of an application because a patent application is, by nature, a new idea or improvement. See MPEP 606.	
The title appears on the filing receipt in sentence case for publication in the Annual Index of Patents.	
Amendments are not accepted in provisional applications. See 37 CFR 1.53(c).	
X An amendment or Application Data Sheet is needed to make this change.	
The inventor's residence will only include the city and state for U.S. residences or city and country for residences outside the U.S. (See MPEP 605.02.)	

	Continuity claimed under 35 USC 120 cannot be added to the Filing Receipt without the applicant supplying the relationship (continuation, divisional, or continuation-in-part) in an Application Data Sheet or amendment to the first page of the specification.	
	Small entity status was previously claimed in this application. To notify the Office of a loss of entitlement to small entity status, see 37 CFR 1.27(g). To have a good faith error in claiming small entity status excused, see 37 CFR 1.28(c).	
	The request for non-publication was not timely filed. A request for non-publication must be submitted upon filing of an application. The application is scheduled to be published on the date specified on the filing receipt. See 37 CFR 1.213(a)(1)	TECH CENTER 1600/2900
	The request for non-publication has not been recognized because it is not conspicuous as required by 37 CFR 1.213(a)(2)	TER 1600/
	The request for non-publication has not been recognized because it does not contain the certification as required by 37 CFR 1.213(a)(3).	2900
	The request for non-publication has not been recognized because it is not signed in compliance with 37 CFR 1.33(b) as required by 37 CFR 1.213(a)(4).	
	There was no prior request for non-publication in this application. The request to rescind the non-publication request will not be processed.	€
	Your request for non-publication will not be acknowledged because this application is not eligible for publication. Only utility and plant applications filed on or after November 29, 2000 are eligible for publication.	<b>)</b>
	The "Non-Publication Request" indicator is correct. If there was a proper request submitted at the time of filing, the notation on the filing receipt will be "Yes". If no such request was made, the notation will be "No".	
	Assignment information will only be included for applications that are eligible for publication.	
سمر		

Customer Service Center
Office of Initial Patent Examination
(703) 308-1202